

REQUEST FOR BIDS ASBESTOS ABATEMENT

May 10, 2017



**RESIDENTIAL PROPERTY
9 HALDE STREET
WATERVILLE, MAINE**

**CITY OF WATERVILLE
ASBESTOS ABATEMENT PROJECT**

SECTION 1.0 | PROJECT OBJECTIVE AND SCOPE OF WORK

The project location is:

9 Halde Street, Waterville, Maine

The removal and proper disposal of exterior cementitious shingle siding (+/- 1,500 square feet).

The scope and sequence of work to be completed under this contract is presented in this Work Plan (refer to Section 2.0; Sequence of Work). The single family residential building is not occupied and is scheduled for demolition following completion of asbestos abatement activities.

Work shall be performed in accordance with applicable Maine Department of Environmental Protection (MDEP), U.S. Environmental Protection Agency (USEPA), U.S. Department of Transportation (DOT) and Occupational Safety and Health Administration (OSHA) regulations.

The Abatement Contractor is responsible to determine actual quantities of identified ACM for asbestos abatement quote preparation and abatement purposes.

SECTION 2.0 | SEQUENCE OF WORK

2.1 General

A. The Abatement Contractor shall prepare a sequence of work and asbestos abatement project design for the respective work areas of the building. The sequence of work will be subject to review and approval by the City.

B. If necessary, the Abatement Contractor will be responsible for properly revising and notifying the MDEP and the USEPA of the asbestos abatement and subsequent demolition by the City.

C. The building will be scheduled for demolition following completion of asbestos abatement work.

D. The Abatement Contractor will be responsible for work area security for the duration of the abatement work.

E. The Abatement Contractor will be responsible for providing electricity, water, and sanitary facilities for Abatement Contractor personnel use during the course of the abatement work.

F. Hazardous materials/wastes and Universal Waste removal is not included in this contract.

2.2 Typical Sequence of Work

A typical sequence of work will include, but may not be limited to, the following steps:

A. Prepare asbestos abatement work area(s) in accordance with the Abatement Contractor's asbestos abatement design and with current MDEP Asbestos Management Regulations, Chapter 425.

B. Perform asbestos abatement work in compliance with applicable state and federal laws and regulations. ACM shall be adequately wetted during the removal process utilizing amended water. The Abatement Contractor shall select abatement methods appropriate for the existing conditions.

- C. Package ACM waste for disposal by double bagging in 6-mil polyethylene (poly) bags or double wrapping in 6-mil poly sheeting. Prior to bagging or wrapping, waste that may puncture disposal bags or wrap shall be enclosed with burlap or other suitable material that will prevent bag failure.
- D. Transport and properly dispose/recycle removed wastes, residuals, debris, materials and equipment.
- E. Demobilize from the site including removal of barriers, disposable items, and equipment.

SECTION 3.0 | HEALTH AND SAFETY

3.1 General

- A. Asbestos abatement work shall be performed in full compliance with applicable state and federal laws and regulations. Personnel present within the boundaries of the regulated area shall wear respiratory protection and shall be dressed in full body disposable clothing or personal protective equipment (PPE).
- B. The Abatement Contractor's personnel shall be appropriately trained for the assigned work task in accordance with applicable MDEP and Federal regulations.

SECTION 4.0 | SCHEDULE

- A. An independent site evaluation shall be conducted by the Asbestos Abatement Contractor prior to submission of bid.
- B. Asbestos abatement bid quotations are due to the City by Tuesday, May 23, 2017 at 10:00 AM.
- C. The project start date will be within 30 days of bid award by the City Council.
- D. Prior to commencement of abatement activities, the Abatement Contractor will designate a Project Manager and/or Superintendent.
- E. Unless otherwise approved by the City, work associated with this contract (with exception of disposal manifests) shall be completed within 60 days of notification to proceed.

SECTION 5.0 | PROJECT MEETINGS

- A. Progress meetings for this project will be conducted as deemed necessary by the City and/or the Abatement Contractor.

SECTION 6.0 | CLEARANCE/ACCEPTANCE CRITERIA

- A. Work will be evaluated for completion following the removal of visible asbestos containing materials and residue from the exterior of the building. This evaluation will be completed by the Abatement Contractor's supervisor, subsequent to completion of successful asbestos abatement clearance inspection, sampling and analysis for the work area.
- B. The Abatement Contractor is responsible for providing final asbestos abatement clearance inspection and sampling and analysis for the work area. Clearances will be performed in accordance with MDEP.

SECTION 7.0 | PROJECT DOCUMENTATION

- A. The Abatement Contractor will provide the following documentation to the City:
 - Finalized MDEP Form N (Project Notification)

- Asbestos Abatement Project Design(s) (signed by a MDEP licensed Asbestos Abatement Design Consultant)
- Chronological Project Log
- Final Inspection and Clearance Documentation
- Air Sample Analysis Results
- MDEP Compliant Asbestos Disposal & Documentation Form

SECTION 8.0 | CONTRACT ADMINISTRATION

8.1 Methods of Payment

A. This project will be quoted by the Abatement Contractor on a lump sum basis. The lump sum quote will include furnishing all necessary labor, materials, equipment, disposal costs and permitting, etc. to complete the work.

B. The Abatement Contractor shall submit one lump sum application for payment for the work associated with this project. Payment shall include full compensation for all required labor, products, tools, equipment, facilities, transportation, services and incidentals; erection, application or installation of an item coincidental to the work, overhead and profit.

C. The City will withhold retainage of 10% from the pay requisition until final completion (i.e., receipt of final waste disposal manifests).

D. The Abatement Contractor shall promptly pay each subcontractor, upon receipt of payment from the City, out of the amount paid to the Abatement Contractor on account of such subcontractor's work, the amount to which said subcontractor is entitled. Additionally, the Abatement Contractor shall, by appropriate agreement with each subcontractor, require each subcontractor to make payments to its subcontractors in a similar manner.

E. Prior to release of retainage, the Abatement Contractor shall file, with the City, any required Waivers or Release of Claims stating that bills for all items of labor, material and parts have been paid and no claims exist against the City, if applicable.

F. A final inspection of the work area will be made by the City and the Abatement Contractor to determine whether the specified work has been completed.

8.2 Provisions for Extra Work

A. All extra work under this Contract shall only be performed upon execution of written change orders to the original contract and issued by the City.

B. The Abatement Contractor shall not start any extra work until the prices for the extra work involved and the amount of extension of contract time, if any, resulting from the extra work have been agreed upon or compensation has been established, in writing, by the City and the Abatement Contractor.

C. The City shall have the right, by verbal instructions, to make minor changes in the Scope of Work not involving additional cost and not inconsistent with the purpose of the original Scope of Work.

D. All extra work involving cost or changes in the Scope of Work shall be previously agreed to and as ordered in writing by the City. No claim for a change to the Contract Price shall be valid unless so ordered.

SECTION 9.0 | QUOTING REQUIREMENTS

9.1 Site Investigation

A. By submitting a quote, the Abatement Contractor acknowledges that he/she has investigated and satisfied themselves as to:

a) the conditions affecting the work, including but not limited to physical conditions of the site which may include site access, handling and storage of tools and materials, access to water, electricity or other utilities that might otherwise affect performance or required activities.

b) the character and quantity of all surface and subsurface materials or obstacles to be encountered in so far as this information is reasonably ascertainable from an inspection of the site. Any failure by the Abatement Contractor to acquaint themselves with available information will not relieve them from responsibility for estimating properly the level of difficulty or cost for successfully performing the work. The City is not responsible for any conclusions or interpretations made by the Abatement Contractor on the basis of the information made available by the City.

9.2 Discrepancies and Explanations

A. Should an Abatement Contractor find discrepancies in the Work Plan or should he/she be in doubt as to the meaning or intent of any part thereof, he/she must request clarification from the City. Discrepancies with regard to conflicts between the bid documents and applicable Federal, State, or Local regulations or requirements shall be included herein. Failure to require such clarification is a waiver to any claim by the Abatement Contractor for expense made necessary by reason of later interpretation of the bid documents being issued by the City.

B. Explanations desired by a prospective Abatement Contractor regarding this Work Plan, drawings or other documents shall be requested in writing (e.g., email). Requests shall include the project name and shall be directed to:

Mark Turner, Director of Public Works

6 Wentworth Court

Waterville, Maine 04901

Email: mturner@waterville-me.gov Fax: (207) 877-7532

C. Oral explanations or instructions will not be binding. Only written addenda are binding. Any addenda resulting from these requests will be mailed to all listed holders of the Bid Documents no later than one day prior to the bid opening.

The Abatement Contractor shall acknowledge the receipt of all addenda on the bid proposal form.

9.3 Withdrawal or Modification of Bid Quotes

A. Withdrawal or modifications to bid quotes are effective if written notice thereof is filed prior to time and place of bid opening. A notice of withdrawal or modifications to a bid quote must be signed by the Abatement Contractor or his designated representative.

B. Withdrawal or modifications of bid quotes will not be accepted after the time for opening of proposals.

9.4 Insurance requirements

A. The Abatement Contractor shall purchase and maintain insurance that will protect them from claims that may arise out of the result from their activities under this contract, whether those activities are performed by the Abatement Contractor or by any subcontractor or by anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.

B. The insurance required shall be written for not less than the following, or greater if required by law.

1. Workmen's Compensation: State Statutory Coverage

2. Comprehensive General Liability (including Premises Operations; Independent Contractor's protective; Products and Completed Operations; Broad Form Property Damage; Asbestos Abatement; Pollution):

Bodily Injury - \$1,000,000 each Occurrence

\$2,000,000 Aggregate

Property Damage - \$1,000,000 each Occurrence

\$2,000,000 Aggregate

3. Contractual Liability (Hold Harmless Coverage):

Bodily Injury - \$1,000,000 each Occurrence

Property Damage - \$1,000,000 each Occurrence

\$2,000,000 Aggregate

4. Comprehensive Automobile Liability (owned, non-owned, and hired):

Bodily Injury - \$500,000 each Occurrence

\$1,000,000 Aggregate

Property Damage - \$500,000 each Occurrence

C. A Certificate of Insurance acceptable to the City shall be furnished to the City prior to commencement of the work.

D. The Certificate of Insurance shall name the City of Waterville as "additional insured".

E. Performance and Payment Bonds **will not** be required for this project.

9.5 Licenses and Qualifications

A. Abatement Contractors must be licensed, as required, by the MDEP Solid Waste Bureau, for purpose of removal, encapsulation, enclosure, demolition and maintenance of structures or components as stated in MDEP Chapter 425, Asbestos Management regulations.

9.6 Rejection of Bid Quotations

A. The City reserves the right to reject bid quotes for any reason that serves the best interests of the City or this project. The City also reserves the right to waive any technicality or irregularity in a quote. Failure to submit requested information/documentation may result in automatic disqualification of bidder's submittal.

9.7 Quoting

A. All perspective Abatement Contractors shall visit the project site prior to preparing and submitting a bid quote. ACM quantities provided in this Work Plan are for informational purposes only and may or may not be accurate; actual determination of ACM quantities identified for removal and recycling/disposal shall be the responsibility of the Abatement Contractor.

B. One copy of the Bid is due to the City by 10:00 AM on May 23, 2017. Bid documents shall be enclosed in an envelope plainly marked on the outside "Bid - Asbestos Abatement Project". Bid Quotes will be addressed to the attention of:

**Mr. Mark Turner, Director of Public Works
6 Wentworth Court
Waterville, Maine 04901**

C. Fax or e-mail copies of the Bid will not be accepted.

D. Bidders shall submit the following documentation upon the request of the Director of Public Works:

- Proposed Project Schedule
- Current MDEP Asbestos Abatement Contractor License, Asbestos Abatement
- Designer License and Asbestos Abatement Supervisor license for the proposed project superintendent, if applicable.

SECTION 10.0 | PRE-CONSTRUCTION REQUIREMENTS

10.1 Contract

A. A formal Notice of Award will be issued following acceptance by the Waterville City Council.

B. The successful Abatement Contractor will contract directly with the City.

10.2 Submittals

A. Submittals including Abatement Contractor training and medical certifications, Certificate of Insurance, disposal facility, testing laboratory, etc., will be submitted for review by the City's representative.

B. Copies of the asbestos abatement designs, notifications and associated documentation will be submitted to the City's representative in advance of project initiation.

BID FORM

DATE: _____

To the Director of Public Works for the City of Waterville, Maine:

Please accept this bid submission from -

(Hereinafter called "Bidder"), a corporation* organized under the laws of the
State of _____ or a partnership/individual** doing business as
_____.

This bid is being submitted for in compliance with your invitation for bids, having
examined the specifications and conditions contained therein.

Alternatives/Substitutions are as follows:

(Attach Additional Comments, As Necessary)

Acknowledgement of Receipt of Bid Addendum(s)

Bidder's Initials (if applicable)

The Bidder proposes to supply the following:

Bid Amount: Asbestos Abatement
9 Halde Street, Waterville, Maine

\$ _____

Total:

\$ _____

**Work Guaranteed within _____ days of contract award and not beyond sixty
60 days.

NAME OF BIDDER: _____

BY: _____

(Signature)

NAME AND TITLE: _____

ADDRESS: _____

TELEPHONE: _____

TAX ID# _____

PROPOSED OWNER-CONTRACTOR AGREEMENT

Residential Property – 32 Horton St Page AS-1 Agreement For Services

AGREEMENT FOR SERVICES

BETWEEN THE CITY OF LEWISTON AND CONTRACTOR

Preamble

THIS AGREEMENT (the "Agreement") is made this _____ day of _____, 2017 by and between The City of Lewiston (the City), with offices at 27 Pine Street, Lewiston, Maine 04240 and _____ with offices at _____ ("Contractor"), on the terms and conditions presented in this agreement and in the Contract Documents for the Asbestos Abatement at the Residential Property Located at 32 Horton Street in Lewiston, Maine, the City hereby engages the Contractor to provide the services set forth in the following Agreement and the Contractor agrees to perform the services for the compensation set forth in this Agreement and also agrees to be bound by the provisions of this Agreement.

1. Scope of Work

This Agreement shall cover the Asbestos Abatement at the Residential Property at 32 Horton Street in Lewiston, Maine. Contractor represents itself to be experienced and competent to perform, and agrees to perform, the services under this Agreement as set forth in the Contract Documents consisting of *Asbestos Abatement Work Plan- Residential Property at 32 Horton Street- Lewiston, Maine* by CES dated February 27, 2017 and the _____ Quote Form and Quote Submittal Package dated _____. The contract schedule shall commence with the Notice of Award dated March 27, 2017. All work shall be completed no later than April 14, 2017.

2. Compensation

The work set forth in the Contract Documents will be performed on a lump sum basis in accordance with the Quote Proposal Form submitted by 2:00 p.m. on March 21, 2017. The contract amount of _____ \$_____ is based on the scope of work specified in the documents referenced in Paragraph 1 above.

3. Termination

a.) The City may terminate this Agreement by written notice to Contractor in the event that Contractor fails to commence its services hereunder, or any portion thereof, within the specified time or otherwise fails to comply with any material term of this Agreement or if Contractor becomes insolvent, petitions for protection under any bankruptcy or creditor's laws or if any involuntary petition for such relief is filed by any creditors or Contractor. In the event of termination under this subsection a) no further payment will be made to Contractor until the services provided for hereunder have been completed by a third party (or parties) selected by the City and paid for. If the total amount paid to such third party (or parties) exceeds the maximum compensation stated in the Compensation provision, Contractor agrees to repay the deficiency to the City. If such amount is less than the maximum compensation, the difference (but not more than the contract amount otherwise earned by Contractor) shall be paid to Contractor.

b.) The City may, at any time and without cause, terminate this Agreement on five (5) days written notice to the Contractor. In the event of termination under this subsection b), Contractor shall be paid for work properly performed to the date of termination and agreed upon reasonable and actual expenses incurred by Contractor as a result of the termination.

c.) The City may suspend performance of services hereunder at any time by written notice to Contractor. Any such suspension shall extend the Agreement completion date commensurately. The City shall pay Contractor necessary and reasonable costs incurred by Contractor directly attributable to the suspension in addition to other compensation provided for by this Agreement.

4. Delays/Force Majeure

Neither party shall hold the other responsible for damages or delays in performance caused by acts of God, acts and/or omissions of Federal, State, and local governmental authorities and regulatory agencies or other events which are beyond the reasonable control of the other party and which could not have been reasonably foreseen or prevented.

5. Assignments and Subcontracts

Contractor shall not assign, subcontract, or otherwise transfer its rights or obligations hereunder without the prior written consent of the City.

6. Compliance with Laws

Contractor shall comply with all applicable provisions of federal, state, and local equal employment opportunity laws, rules, and regulations and with all other applicable laws, rules, regulations, and orders including without limitation federal, state, local, occupational safety, and health and environmental requirements.

7. Arbitration

All claims, disputes, and other matters in question between the parties to this Agreement, arising out of our relating to this Agreement or the breach thereof, shall be decided by arbitration in accordance with the then-most current rules of the American Arbitration Association, unless the parties mutually agree otherwise; provided that no such arbitration shall be binding if it would compromise or impinge on any insurer's policy rights to defend or settle any covered claims or suits.

Residential Property – 32 Horton St Page AS-3 Agreement For Services

8. Litigation

In the event of litigation or arbitration between the two parties to this Agreement, the nonprevailing party shall reimburse all reasonable costs and attorney fees to enforce this Agreement incurred by the prevailing party.

9. Independent Contractor Status

Nothing in this Agreement shall be construed to make Contractor or any of its employees or agents to be City employees, agents, or representatives. Contractor shall be an independent contractor and shall have responsibility for and control over the details and means for performing the services described herein. Contractor shall be subject to the direction of the City only with respect to the Scope of Services and the general results required.

10. Insurance

Contractor agrees to maintain at all times during the performance of services described in this Agreement insurance coverage as specified in Section 9.6 of the Asbestos Abatement Work Plan. Certificates of insurance, including the above-mentioned endorsements and waivers, shall be furnished to the City immediately upon execution of this Agreement and prior to Contractor's commencing work. All insurers and policy forms must be satisfactory to the City.

The foregoing requirements as to types and limits of insurance coverage to be maintained by Contractor are not intended to and shall not in any manner limit the liabilities and obligations assumed by Contractor under this Agreement.

11. Liability and Indemnity

As an independent contractor, Contractor shall respond for its own operations in accordance with the following conditions:

- a.) Contractor assumes all liability for work to be performed by it and for breach of any of the terms of this Agreement. Contractor agrees to indemnify, hold harmless, and defend the City, and any and all of its and their affiliates, partners, directors, officers, agents, or employees from and against all loss, injury, damage, and legal liability including attorneys' fees and other costs of defense or settlement, arising out of any negligent act, error, or omission of, or the willful misconduct of Contractor, its employees, agents, representatives, subcontractors, or suppliers.
- b.) Contractor assumes all liability for workers' compensation and employer's liability coverage for its own employees.
- c.) Contractor shall be responsible for and shall hold the City harmless from loss of or damage to Contractor's or its subcontractor's construction tools and equipment and rented items which are used or intended for use in performing work and for any consequential special or indirect damages, or loss of anticipated profits sustained by Contractor or its subcontractors, and shall indemnify the City for loss of or damage to property intended to be incorporated into or used in the construction while in Contractor's care, custody, or control.

Residential Property – 32 Horton St Page AS-4 Agreement For Services

- d.) Contractor agrees to protect and hold harmless the City from all costs, expenses or damages arising out of actual or alleged patent infringements by Contractor, except to the extent such claims arise from processes specified by the City.

12. Ownership of Materials and Documents

All materials resulting from Contractor's efforts in connection with this Agreement, including documents, reports, calculations, maps, photographs, computer programs, computer printouts, notes, and any other pertinent data are the exclusive property of the City. Contractor shall retain for a minimum of three (3) years, and shall not thereafter dispose of such materials without prior

written notice to the City. Reuse of these materials by Contractor on projects other than with the City and without written permission and/or adaptation by the City for the specific purpose intended shall be at the user's sole risk, without liability on the City's part and the Contractor agrees to indemnify and hold harmless the City from all claims, damages, and expenses, including attorneys' fees, arising out of such unauthorized use by Contractor. Any reuse or adaptation of this property occurring with or without permission shall entitle the City to compensation in an amount to be agreed upon with the Contractor.

13. Accounting and Auditing

Contractor shall prepare and maintain accounting records in support of all amounts billed to the City. Contractor's files and records relating to performance of this Agreement and billing therefore shall be subject to audit at all times during the course of the project and for a period of one (1) year after project completion.

14. Safety

Contractor shall place the highest priority on safety and health during the progress of work. Therefore, it shall be the responsibility of Contractor to provide and maintain a safe working environment for its employees during the progress of work and to adequately protect the health and safety of Contractor's agents and subcontractors and their respective employees, the City, oversight personnel, employees, the public and any other third parties. All tools, equipment, facilities, and other items used by Contractor, and practices employed by Contractor in accomplishing the work, as considered being part of the working environment.

15. Governing Law

Unless otherwise provided in an Addendum, the law of the state where the project is located will govern the validity of this Agreement, its interpretation and performance, and remedies for contract breach or any other claims related to this Agreement. If the project is located in more than one state, the law of the state where most of the services are performed shall govern.

Residential Property – 32 Horton St Page AS-5 Agreement For Services

16. Extent of Agreement

This Agreement which includes the Contract Documents referenced in Paragraph 1 of this Agreement, represents the entire Contract between the City and Contractor and supersedes all

prior negotiations, representations, or agreements, either written or oral.

This Agreement shall supersede any terms and conditions set forth on the back of any purchase order or other document used by either party in the performance of this Agreement.

17. Survival

All obligations arising prior to the termination of this Agreement and all provisions of this Agreement allocating responsibility or liability between the City and Contractor shall survive the completion of the services hereunder and the termination of this Agreement.

18. Signatures

Unless otherwise specified below, the following signatories are the authorized representatives upon whose decisions and information each party may rely in performance of this Agreement.

Any information of notices required or permitted hereunder shall be deemed to have been sufficiently given to either party if given to these signatories or to such parties and/or addresses as they may subsequently designate.

This Agreement is effective the day and year first written above.

City of Lewiston (Owner)

27 Pine Street

Lewiston, Maine 04240

Signed by

Title

Date

_____ (Contractor)

Signed by

Title

Date _____

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106

Phone/Fax: (207) 517-6921 / (207) 517-6922

<http://www.EMSL.com> / portlandlab@emsl.com

CESI62

621700199

10336.042

EMSL Order ID:

Customer ID:

Customer PO:

Project ID:

Attn:

Proj: 10336.042 / 640 MAIN STREET / LEWISTON / MAINE

Phone: (207) 989-4824

Fax: (207) 989-4881

Collected: 2/ 3/2017

Received: 2/06/2017

Analyzed: 2/08/2017

Suzanne Yerina

CES/Summit Environmental Consultants

465 S. Main Street

PO Box 639

Brewer, ME 04412

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

001A ***Lab Sample ID:*** 621700199-0001

SIDING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Gray 0% 82% **18% Chrysotile**

Client Sample ID:

Sample Description:

001B ***Lab Sample ID: 621700199-0002***

SIDING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Positive Stop (Not Analyzed)

Client Sample ID:

Sample Description:

001C ***Lab Sample ID: 621700199-0003***

SIDING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Positive Stop (Not Analyzed)

Client Sample ID:

Sample Description:

002A ***Lab Sample ID: 621700199-0004***

TAR PAPER UNDER SIDING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Black 0.0% 100% None Detected

Client Sample ID:

Sample Description:

002B ***Lab Sample ID: 621700199-0005***

TAR PAPER UNDER SIDING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Black 0.0% 100% None Detected

Client Sample ID:

Sample Description:

002C **Lab Sample ID: 621700199-0006**

TAR PAPER UNDER SIDING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Black 0.0% 100% None Detected

Client Sample ID:

Sample Description:

003A **Lab Sample ID: 621700199-0007**

WHITE FLOORING 1 X 1.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 White 0.0% 100% None Detected

Test Report:EPAMultiTests-7.32.2.D Printed: 2/08/2017 08:56AM Page 1 of 8

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106

Phone/Fax: (207) 517-6921 / (207) 517-6922

<http://www.EMSL.com> / portlandlab@emsl.com

CESI62

621700199

10336.042

EMSL Order ID:

Customer ID:

Customer PO:

Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

003B **Lab Sample ID: 621700199-0008**

WHITE FLOORING 1 X 1.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 White 0.0% 100% None Detected

Client Sample ID:

Sample Description:

003C ***Lab Sample ID: 621700199-0009***

WHITE FLOORING 1 X 1.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 White 0.0% 100% None Detected

Client Sample ID:

Sample Description:

004A ***Lab Sample ID: 621700199-0010***

MULTI LAYER FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

004B ***Lab Sample ID: 621700199-0011***

MULTI LAYER FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

004C ***Lab Sample ID: 621700199-0012***

MULTI LAYER FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

005A ***Lab Sample ID: 621700199-0013***

BROWN BOX FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Brown 0.0% 100% None Detected

Client Sample ID:

Sample Description:

005B ***Lab Sample ID: 621700199-0014***

BROWN BOX FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Brown 0.0% 100% None Detected

Client Sample ID:

Sample Description:

005C ***Lab Sample ID: 621700199-0015***

BROWN BOX FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Brown 0.0% 100% None Detected

Test Report:EPAMultiTests-7.32.2.D Printed: 2/08/2017 08:56AM Page 2 of 8

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106

Phone/Fax: (207) 517-6921 / (207) 517-6922

<http://www.EMSL.com> / portlandlab@emsl.com

CESI62

621700199

10336.042

EMSL Order ID:

Customer ID:

Customer PO:

Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

006A ***Lab Sample ID: 621700199-0016***

MULTI LAYER FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

006B ***Lab Sample ID: 621700199-0017***

MULTI LAYER FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

006C ***Lab Sample ID: 621700199-0018***

MULTI LAYER FLOORING.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

007A ***Lab Sample ID: 621700199-0019***

SHEET ROCK.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 White 5% 95% None Detected

Client Sample ID:

Sample Description:

007B ***Lab Sample ID: 621700199-0020***

SHEET ROCK.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 White 5% 95% None Detected

Client Sample ID:

Sample Description:

007C ***Lab Sample ID: 621700199-0021***

SHEET ROCK.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/08/2017 White 8% 92% None Detected

Client Sample ID:

Sample Description:

008A ***Lab Sample ID: 621700199-0022***

PLASTER 3RD FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Gray 0% 100% None Detected

Client Sample ID:

Sample Description:

008B **Lab Sample ID: 621700199-0023**

PLASTER 3RD FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Gray 0% 100% None Detected

Test Report:EPAMultiTests-7.32.2.D Printed: 2/08/2017 08:56AM Page 3 of 8

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106

Phone/Fax: (207) 517-6921 / (207) 517-6922

<http://www.EMSL.com> / portlandlab@emsl.com

CESI62

621700199

10336.042

EMSL Order ID:

Customer ID:

Customer PO:

Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

008C **Lab Sample ID: 621700199-0024**

PLASTER 3RD FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/08/2017 Gray 0% 100% None Detected

Client Sample ID:

Sample Description:

009A **Lab Sample ID: 621700199-0025**

SPACKLED CEILING BACK HALL.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 White 0% 100% None Detected

Client Sample ID:

Sample Description:

009B ***Lab Sample ID: 621700199-0026***

SPACKLED CEILING BACK HALL.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 White 0% 100% None Detected

Client Sample ID:

Sample Description:

009C ***Lab Sample ID: 621700199-0027***

SPACKLED CEILING BACK HALL.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/08/2017 White 0% 100% None Detected

Client Sample ID:

Sample Description:

010A ***Lab Sample ID: 621700199-0028***

ROOF.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Black 0.0% 100% None Detected

Client Sample ID:

Sample Description:

010B ***Lab Sample ID: 621700199-0029***

ROOF.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Black 0.0% 100% None Detected

Client Sample ID:

Sample Description:

010C ***Lab Sample ID: 621700199-0030***

ROOF.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Black 0.0% 100% None Detected

Client Sample ID:

Sample Description:

011A ***Lab Sample ID: 621700199-0031***

MULTI LAYER TILE 2ND FLOOR KITCHEN.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Various 0.0% 100% None Detected

Test Report:EPAMultiTests-7.32.2.D Printed: 2/08/2017 08:56AM Page 4 of 8

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EMSL Order ID:

Customer ID:

Customer PO:

Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

011B ***Lab Sample ID: 621700199-0032***

MULTI LAYER TILE 2ND FLOOR KITCHEN.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

011C ***Lab Sample ID: 621700199-0033***

MULTI LAYER TILE 2ND FLOOR KITCHEN.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

012A ***Lab Sample ID: 621700199-0034***

SPACKLED CEILING 2ND FLOOR BEDROOM.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Tan 0% 100% None Detected

Client Sample ID:

Sample Description:

012B ***Lab Sample ID: 621700199-0035***

SPACKLED CEILING 2ND FLOOR BEDROOM.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Tan 0% 100% None Detected

Client Sample ID:

Sample Description:

012C **Lab Sample ID: 621700199-0036**

SPACKLED CEILING 2ND FLOOR BEDROOM.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/08/2017 Tan 0% 100% None Detected

Client Sample ID:

Sample Description:

013A **Lab Sample ID: 621700199-0037**

SHEET FLOORING 2ND FLOOR REAR KITCHEN.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 White/Red 0.0% 100% None Detected

Client Sample ID:

Sample Description:

013B **Lab Sample ID: 621700199-0038**

SHEET FLOORING 2ND FLOOR REAR KITCHEN.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 White/Red 0.0% 100% None Detected

Client Sample ID:

Sample Description:

013C **Lab Sample ID: 621700199-0039**

SHEET FLOORING 2ND FLOOR REAR KITCHEN.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 White/Red 0.0% 100% None Detected

Test Report:EPAMultiTests-7.32.2.D Printed: 2/08/2017 08:56AM Page 5 of 8

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EMSL Order ID:

Customer ID:

Customer PO:

Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

014A ***Lab Sample ID: 621700199-0040***

SHEET FLOORING 2ND REAR BATH.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Tan 0.0% 100% None Detected

Client Sample ID:

Sample Description:

014B ***Lab Sample ID: 621700199-0041***

SHEET FLOORING 2ND REAR BATH.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Tan 0.0% 100% None Detected

Client Sample ID:

Sample Description:

014C ***Lab Sample ID: 621700199-0042***

SHEET FLOORING 2ND REAR BATH.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Tan 0.0% 100% None Detected

Client Sample ID:

Sample Description:

015A ***Lab Sample ID: 621700199-0043***

SHEET FLOORING STORAGE 2ND REAR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

015B ***Lab Sample ID: 621700199-0044***

SHEET FLOORING STORAGE 2ND REAR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

015C ***Lab Sample ID: 621700199-0045***

SHEET FLOORING STORAGE 2ND REAR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Various 0.0% 100% None Detected

Client Sample ID:

Sample Description:

016A ***Lab Sample ID: 621700199-0046***

SHEET FLOORING STORAGE 2ND REAR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Red 0.0% 100% None Detected

Client Sample ID:

Sample Description:

016B ***Lab Sample ID: 621700199-0047***

SHEET FLOORING STORAGE 2ND REAR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Red 0.0% 100% None Detected

Test Report:EPAMultiTests-7.32.2.D Printed: 2/08/2017 08:56AM Page 6 of 8

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10336.042

EMSL Order ID:

Customer ID:

Customer PO:

Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

016C ***Lab Sample ID: 621700199-0048***

SHEET FLOORING STORAGE 2ND REAR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Red 0.0% 100% None Detected

Client Sample ID:

Sample Description:

017A ***Lab Sample ID: 621700199-0049***

12 X 12 FT 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Tan 0.0% 100% None Detected

Client Sample ID:

Sample Description:

017B ***Lab Sample ID: 621700199-0050***

12 X 12 FT 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/07/2017 Tan 0.0% 100% None Detected

Client Sample ID:

Sample Description:

017C ***Lab Sample ID: 621700199-0051***

12 X 12 FT 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM Grav. Reduction 2/08/2017 Tan 0.0% 100% None Detected

Client Sample ID:

Sample Description:

018A-Skim Coat ***Lab Sample ID: 621700199-0052***

PLASTER 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 White 0% 100% None Detected

Client Sample ID:

Sample Description:

018A-Base Coat ***Lab Sample ID: 621700199-0052A***

PLASTER 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Gray 0% 100% None Detected

Client Sample ID:

Sample Description:

018B-Skim Coat ***Lab Sample ID: 621700199-0053***

PLASTER 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 White 0% 100% None Detected

Client Sample ID:

Sample Description:

018B-Base Coat ***Lab Sample ID: 621700199-0053A***

PLASTER 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/07/2017 Gray 0% 100% None Detected

Test Report:EPAMultiTests-7.32.2.D Printed: 2/08/2017 08:56AM Page 7 of 8

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10336.042

EMSL Order ID:

Customer ID:

Customer PO:

Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

018C-Skim Coat ***Lab Sample ID: 621700199-0054***

PLASTER 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/08/2017 White 0% 100% None Detected

Client Sample ID:

Sample Description:

018C-Base Coat ***Lab Sample ID: 621700199-0054A***

PLASTER 1ST FLOOR.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/08/2017 Gray 0% 100% None Detected

Client Sample ID:

Sample Description:

019A ***Lab Sample ID: 621700199-0055***

INSULATION.

TEST Date Color Fibrous Non-Fibrous Asbestos Comment

Analyzed Non-Asbestos

PLM 2/08/2017 Brown/Tan/Various 0% 100% **<1% Tremolite** Vermiculite is a problem matrix. Other

analytical options are recommended such as

EPA 600 PLM/TEM with milling prep or TEM

Qualitative

PLM: ME CERT.# BA-0178 (SS) BA-0142 (CW)

PLM EPA NOB: ME CERT.# BA-0178 (SS) BA-0142 (CW)

Analyst(s):

PLM (7)

PLM Grav. Reduction (12)

Christina Walker

PLM (13)

PLM Grav. Reduction (24)

Stephen Severn

Christina Walker, Laboratory Manager

or Other Approved Signatory

Reviewed and approved by:

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the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not

responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently

reliable in detecting asbestos in floor coverings and similar NOBs

Samples analyzed by EMSL Analytical, Inc. South Portland, ME

Initial report from: 02/08/2017 08:56:24

Test Report:EPAMultiTests-7.32.2.D Printed: 2/08/2017 08:56AM Page 8 of 8

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106

Phone/Fax: (207) 517-6921 / (207) 517-6922

<http://www.EMSL.com> / portlandlab@emsl.com

EMSL Order: 621700199

Customer ID: CESI62

Customer PO: 10336.042

Project ID:

Attention: Suzanne Yerina **Phone:** (207) 989-4824

CES/Summit Environmental Consultants **Fax:** (207) 989-4881

465 S. Main Street **Received:** 02/06/2017 10:52 AM

PO Box 639 **Analysis Date:** 02/14/2017

Brewer, ME 04412 **Collected:** 02/03/2017

Project: 10336.042 / 640 MAIN STREET / LEWISTON / MAINE

Test Report: Asbestos Analysis of Bulk Building Materials via EPA 600/R-93/116 Method

using PLM and Milling Prep. Quantitation using the 400 Point Count Procedure

Sample Description Appearance % Fibrous % Non-Fibrous % Type

Non-Asbestos Asbestos

Brown/Tan/Various

Non-Fibrous

Homogeneous

019A INSULATION.

621700199-0055

100% Non-fibrous (Other) **<0.25%Tremolite**

ME Cert.# BA-0143 (SR)

Analyst(s)

Samantha Rundstorm-Cruz

(1)

Christina Walker, Laboratory Manager

or other approved signatory

Disclaimer:Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc suggests

that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full,

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Analytical Inc., bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical

Inc., liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition

unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc. South Portland, ME

Initial report from: 02/15/2017 07:55:26

ASB_PLMPC_0006_0001 Printed 2/15/2017 7:55:47AM Page 1 of 1

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